

## BNL ALARA Center Data Base

U.S.A.

H-181

### RESOURCE MANAGEMENT AS AN ALARA TOOL

**Keywords:** OPERATIONAL AND MAINTENANCE TECHNIQUES;  
RESOURCE MANAGEMENT

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**Project Manager:**

**Objectives:** Present the 7th Salem Generating Station Unit 2 refueling outage results.

**Comments:** The outage results are:

- 1) 100.028 person-rem
- 2) 129,734 RCA hours
- 3) 0.77 mR/RCA hour (effective dose rate)
- 4) 45 personnel contaminations
- 5) 45 respirators issued
- 6) 14.5 cubic meters of radioactive waste

**Remarks/Potential for dose limitation:** The Resource Tools created a "best ever outage":

- 1) Westinghouse integrated outage package
- 2) Refueling outage schedule
- 3) Contractor Returnee's
- 4) "In field" work methods
- 5) PSP/DCP radiation protection reviews
- 6) Work order to ALARA review link

"In field" work methods:

- 1) Valve maintenance program
- 2) Radwaste reduction
- 3) Temporary shielding
- 4) Radiation protection technician utilization

**References:** Palma, R.A., "Resource Management as an ALARA Tool," 1993 *Radiation Exposure Management Seminar*, Westinghouse, Pittsburgh, Pennsylvania, 1993.

**Duration:** from: 1993 to: 1993

**Funding:** N/A

**Status:** Completed

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